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**PHOTOGRAPHIC
INTERPRETATION
REPORT**

**INDUSTRIAL EXPANSION
IN HUPEH PROVINCE, CHINA**



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INDUSTRIAL EXPANSION IN HUPEH PROVINCE, CHINA

ABSTRACT

1. This report describes major industrial expansion observed on photography in Hupeh Province, China, since late 1969. This report contains text, a location map, two photographs, and a table.

INTRODUCTION

2. In late 1969, the Chinese began a program of industrial expansion in Hupeh Province. [] 37 newly observed installations (Figure 1 and Table 1) had been provisionally identified by function. Most of the large installations appear to be engaged in metal fabrication for a broad range of machinery and equipment. The Chinese have also emphasized increasing petroleum, chemical, and vehicle production facilities.

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3. Industrial expansion has been observed generally in remote areas, and the facilities are often widely dispersed. Construction of some of the newly observed installations appears to be closely related to new rail line construction. The main area of industrial expansion appears to be in the western part of the province near Kuang-hua and I-chang.

BASIC DESCRIPTION

4. Thirty-seven industrial installations were newly observed in Hupeh Province. Construction of most of the installations began in late 1969. [] more than half were operational or externally complete.

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5. Construction patterns follow those observed in other areas of China. The facilities are dispersed in rural mountainous areas in a series of interconnected valleys which provide natural concealment and protection (Figure 2).

6. Industrial expansion and rail line construction seem to be closely related. The associated rail construction consists of two new lines which, when complete, will pass through Hupeh Province. One line is the projected Lo-yang (in Honan Province) to Lou-ti (in Hunan Province) rail line which is serviceable to Chih-chiang at 30-11-00N 111-31-00E. When the other line is complete, it will connect Wu-han and Chung-ching at 29-32-55N 106-30-20E in Szechwan Province. [] this line was serviceable to Shih-yen-chen Unidentified Industrial Complex. Initial construction of these two main lines and many of the connecting rail spurs had begun [] Construction of many of the industrial installations near these rail lines had also begun []

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7. The industrial installations vary from a simple facility of 278 square meters (3,000 square feet) of floorspace with two or three large fabrication buildings to an elaborate complex of more than 695,000 square meters (7.5 million square feet) of floorspace with more than 100 fabrication, assembly, and shop-type buildings. Three of the newly observed installations contain six to ten large, physically separated production areas which may be functionally associated. The largest of these is Shih-yen-chen Unidentified Industrial Complex (Figure 3) which covers 43.4 square nautical miles and contains more than 130 large fabrication, assembly, and shop-type buildings.

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Table 1. Data on Industrial Expansion in Hupeh Province, China
(Item numbers keyed to Figure 1)

Item No	Installation	Geographic Coordinates	Remarks	25X1
1	Shih-yen-chen Unidentified Industrial Complex (Figure 3)	32-38-40N 110-46-45E	Under construction	
2	Kuang-hua Fabrication/Assembly Plant	32-29-05N 111-36-05E	Externally complete	25X1
3	Ku-cheng Prob Fabrication/Assembly Plant	32-15-20N 111-24-20E	Externally complete	25X1
4	Hsiang-yang Prob Fabrication/Assembly Plant	32-07-30N 112-13-30E	Under construction	
5	Tsao-yang Fabrication Plant	32-06-30N 112-45-05E	Externally complete	25X1
6	Shih-pan-kou Prob Fabrication/Assembly Plant	32-04-25N 111-11-38E	Externally complete	25X1
7	Ku-cheng Prob Fabrication Plant	32-04-10N 111-46-20E	Under construction	
8	Hsiang-yang Industrial Complex	31-59-30N 112-08-30E	Operational/under construction	
9	Nan-chang Light Fabrication Industry	31-47-40N 111-48-20E	Externally complete	25X1
10	Sui-hsien Industrial Area	31-41-20N 113-20-50E	Externally complete	25X1
11	Nan-chang Prob Heavy Fabrication Plant	31-40-30N 111-50-20E	Under construction	
12	Nan-chang Fabrication Plant	31-40-05N 111-54-00E	Externally complete	25X1
13	Yuan-can Poss Fabrication/Assembly Plant	31-08-05N 111-34-56E	Under construction	25X1
14	Yuan-an Fabrication/Assembly Plant East (Figure 2)	31-04-40N 111-39-20E	Under construction	
15	Ching-men Industrial Area	31-01-50N 112-08-20E	Under construction	
16	Ching-men Light Industry	31-02-25N 112-11-45E	Externally complete	25X1
17	Ching-men Petroleum Refinery Under Construction	31-00-30N 112-13-30E	Under construction	
18	Ching-men Poss Aircraft Plant	30-59-00N 112-04-05E	Under construction	
19	Yuan-an Poss Light Industry	30-55-50N 111-38-40E	Under construction	
20	Hsiao-kan Chemical Plant Ying-cheng	30-55-30N 113-41-15E	Under construction	
21	I-chang Prob Fabrication/Assembly Plant	30-49-30N 111-22-10E	Externally complete	25X1
22	I-chang Prob Fabrication Plant	30-40-55N 111-19-50E	Under construction	25X1
23	I-chang Fabrication/Assembly Plant SE	30-38-25N 111-21-05E	Externally complete	25X1
24	Han-kou Poss Motor Vehicle Plant	30-35-52N 114-12-30E	Operational, externally complete	25X1
25	Wu-han Missile and Motor Vehicle Assembly Plant Han-yang	30-33-40N 114-15-40E	Operational, externally complete	25X1
26	Wu-chang Prob Motor Vehicle Subassembly Plant	30-32-40N 114-19-10E	Operational/under construction	
27	Wu-han Prob Motor Vehicle Subassembly Plant	30-33-00N 114-15-50E	Operational, externally complete	25X1
28	Wu-han Chemical Plant Ko-tien	30-32-21N 114-35-56E	Operational/under construction	
29	Wu-han Motor Vehicle Plant Wu-chang No. 2	30-30-29N 114-24-40E	Operation/under construction	
30	Ku-lao-pei Fabrication/Assembly Plant	30-29-20N 111-28-00E	Externally complete	25X1
31	I-tu Poss Light Industry	30-27-45N 111-29-59E	Under construction	25X1
32	Chih-chiang Fabrication/Assembly Plant	30-19-25N 111-20-30E	Under construction	
33	Chih-chiang Fabrication Plant	30-17-25N 111-18-23E	Externally complete	25X1
34	Chih-chiang Light Industry	30-18-45N 111-22-50E	Externally complete	25X1
35	Hsien-ning Prob Fabrication Industry	29-52-10N 114-17-00E	Under construction	
36	Yang-hsin Industrial Complex	29-53-30N 115-04-30E	Under construction	
37	Pu-chi Poss Processing Plant	29-43-25N 113-51-35E	Under construction	

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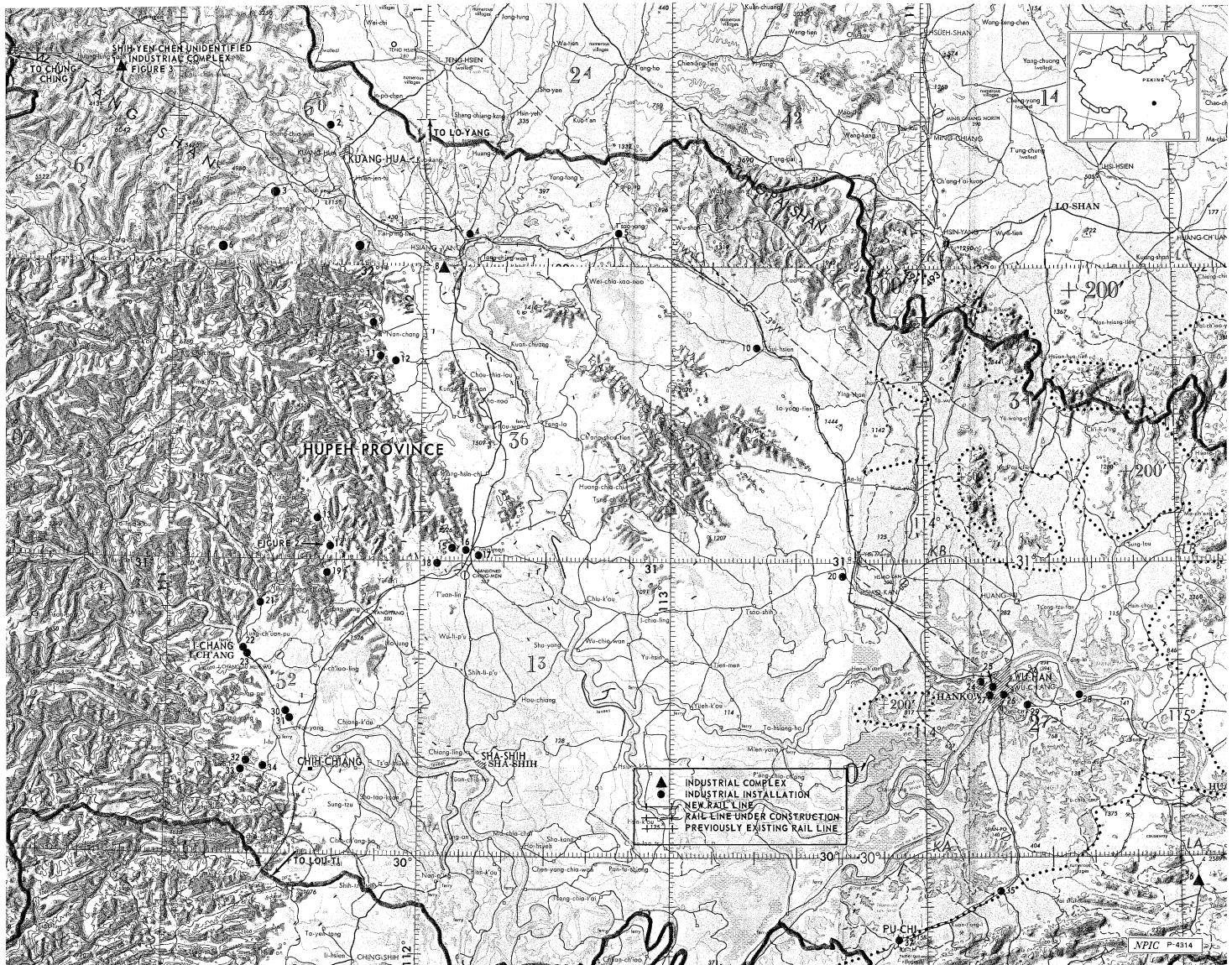


FIGURE 1. INDUSTRIAL EXPANSION, HUPEH PROVINCE, CHINA (ITEM NUMBERS KEYED TO TABLE 1)

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REFERENCES

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MAPS OR CHARTS

ACIC. Series ONC, Sheets G-9, H-11, and H-12, scale 1:1,000,000

REQUIREMENT

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